



## **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/978,298

Source: OIPE

Date Processed by STIC: 11/1/2001

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**

**<http://www.uspto.gov/web/offices/pac/checker>**

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 09/998,298

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOF

- 1      Wrapped Nucleics  
    Wrapped Aminos  
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2      Invalid Line Length  
The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3      Misaligned Amino  
    Numbering  
The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4      Non-ASCII  
The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5      Variable Length  
Sequence(s)      contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6      PatentIn 2.0  
    "bug"  
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)     . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7      Skipped Sequences  
    (OLD RULES)  
Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8      Skipped Sequences  
    (NEW RULES)  
Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 9      Use of n's or Xaa's  
    (NEW RULES)  
Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10      Invalid <213>  
    Response  
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11   J   Use of <220>  
Sequence(s)   157   missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12      PatentIn 2.0  
    "bug"  
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13      Misuse of n  
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

OIPE

## RAW SEQUENCE LISTING

DATE: 11/01/2001

PATENT APPLICATION: US/09/978,298

TIME: 10:40:00

Input Set : A:\sequence\_listing.wpd

Output Set: N:\CRF3\11012001\I978298.raw

3 <110> APPLICANT: Ashkenazi, Avi  
 4 Baker Kevin P.  
 5 Botstein, David  
 6 Desnoyers, Luc  
 7 Eaton, Dan  
 8 Ferrara, Napoleon  
 9 Filvaroff, Ellen  
 10 Fong, Sherman  
 11 Gao, Wei-Qiang  
 12 Gerber, Hanspeter  
 13 Gerritsen, Mary E.  
 14 Goddard, Audrey  
 15 Godowski, Paul J.  
 16 Grimaldi, J. Christopher  
 17 Gurney, Austin L.  
 18 Hillan, Kenneth J  
 19 Kljavin, Ivar J.  
 20 Kuo, Sophia S.  
 21 Napier, Mary A.  
 22 Pan, James;  
 23 Paoni, Nicholas F.  
 24 Roy, Margaret Ann  
 25 Shelton, David L.  
 26 Stewart, Timothy A.  
 27 Tumas, Daniel  
 28 Williams, P. Mickey  
 29 Wood, William I.  
 31 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 32 Acids Encoding the Same  
 34 <130> FILE REFERENCE: P2630P1C2  
 36 <140> CURRENT APPLICATION NUMBER: US/09/978,298  
 36 <141> CURRENT FILING DATE: 2001-10-15  
 36 <150> PRIOR APPLICATION NUMBER: 09/918585  
 37 <151> PRIOR FILING DATE: 2001-07-30  
 39 <150> PRIOR APPLICATION NUMBER: 60/062250  
 40 <151> PRIOR FILING DATE: 1997-10-17  
 42 <150> PRIOR APPLICATION NUMBER: 60/064249  
 43 <151> PRIOR FILING DATE: 1997-11-03  
 45 <150> PRIOR APPLICATION NUMBER: 60/065311  
 46 <151> PRIOR FILING DATE: 1997-11-13  
 48 <150> PRIOR APPLICATION NUMBER: 60/066364  
 49 <151> PRIOR FILING DATE: 1997-11-21  
 51 <150> PRIOR APPLICATION NUMBER: 60/077450  
 52 <151> PRIOR FILING DATE: 1998-03-10  
 54 <150> PRIOR APPLICATION NUMBER: 60/077632  
 55 <151> PRIOR FILING DATE: 1998-03-11  
 57 <150> PRIOR APPLICATION NUMBER: 60/077641

*Done 11/1/01*  
*pp 4,6*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,298

DATE: 11/01/2001

TIME: 10:40:00

Input Set : A:\sequence\_listing.wpd

Output Set : N:\CRF3\11012001\I978298.raw

58 <151> PRIOR FILING DATE: 1998-03-11  
60 <150> PRIOR APPLICATION NUMBER: 60/077649  
61 <151> PRIOR FILING DATE: 1998-03-11  
63 <150> PRIOR APPLICATION NUMBER: 60/077791  
64 <151> PRIOR FILING DATE: 1998-03-12  
66 <150> PRIOR APPLICATION NUMBER: 60/078004  
67 <151> PRIOR FILING DATE: 1998-03-13  
69 <150> PRIOR APPLICATION NUMBER: 60/078886  
70 <151> PRIOR FILING DATE: 1998-03-20  
72 <150> PRIOR APPLICATION NUMBER: 60/078936  
73 <151> PRIOR FILING DATE: 1998-03-20  
75 <150> PRIOR APPLICATION NUMBER: 60/078910  
76 <151> PRIOR FILING DATE: 1998-03-20  
78 <150> PRIOR APPLICATION NUMBER: 60/078939  
79 <151> PRIOR FILING DATE: 1998-03-20  
81 <150> PRIOR APPLICATION NUMBER: 60/079294  
82 <151> PRIOR FILING DATE: 1998-03-25  
84 <150> PRIOR APPLICATION NUMBER: 60/079656  
85 <151> PRIOR FILING DATE: 1998-03-26  
87 <150> PRIOR APPLICATION NUMBER: 60/079664  
88 <151> PRIOR FILING DATE: 1998-03-27  
90 <150> PRIOR APPLICATION NUMBER: 60/079689  
91 <151> PRIOR FILING DATE: 1998-03-27  
93 <150> PRIOR APPLICATION NUMBER: 60/079663  
94 <151> PRIOR FILING DATE: 1998-03-27  
96 <150> PRIOR APPLICATION NUMBER: 60/079728  
97 <151> PRIOR FILING DATE: 1998-03-27  
99 <150> PRIOR APPLICATION NUMBER: 60/079786  
100 <151> PRIOR FILING DATE: 1998-03-27  
102 <150> PRIOR APPLICATION NUMBER: 60/079920  
103 <151> PRIOR FILING DATE: 1998-03-30  
105 <150> PRIOR APPLICATION NUMBER: 60/079923  
106 <151> PRIOR FILING DATE: 1998-03-30  
108 <150> PRIOR APPLICATION NUMBER: 60/080105  
109 <151> PRIOR FILING DATE: 1998-03-31  
111 <150> PRIOR APPLICATION NUMBER: 60/080107  
112 <151> PRIOR FILING DATE: 1998-03-31  
114 <150> PRIOR APPLICATION NUMBER: 60/080165  
115 <151> PRIOR FILING DATE: 1998-03-31  
117 <150> PRIOR APPLICATION NUMBER: 60/080194  
118 <151> PRIOR FILING DATE: 1998-03-31  
120 <150> PRIOR APPLICATION NUMBER: 60/080327  
121 <151> PRIOR FILING DATE: 1998-04-01  
123 <150> PRIOR APPLICATION NUMBER: 60/080328  
124 <151> PRIOR FILING DATE: 1998-04-01  
126 <150> PRIOR APPLICATION NUMBER: 60/080333  
127 <151> PRIOR FILING DATE: 1998-04-01  
129 <150> PRIOR APPLICATION NUMBER: 60/080334  
130 <151> PRIOR FILING DATE: 1998-04-01

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,298

DATE: 11/01/2001

TIME: 10:40:00

Input Set : A:\sequence\_listing.wpd

Output Set: N:\CRF3\11012001\I978298.raw

132 <150> PRIOR APPLICATION NUMBER: 60/081070  
133 <151> PRIOR FILING DATE: 1998-04-08  
135 <150> PRIOR APPLICATION NUMBER: 60/081049  
136 <151> PRIOR FILING DATE: 1998-04-08  
138 <150> PRIOR APPLICATION NUMBER: 60/081071  
139 <151> PRIOR FILING DATE: 1998-04-08  
141 <150> PRIOR APPLICATION NUMBER: 60/081195  
142 <151> PRIOR FILING DATE: 1998-04-08  
144 <150> PRIOR APPLICATION NUMBER: 60/081203  
145 <151> PRIOR FILING DATE: 1998-04-09  
147 <150> PRIOR APPLICATION NUMBER: 60/081229  
148 <151> PRIOR FILING DATE: 1998-04-09  
150 <150> PRIOR APPLICATION NUMBER: 60/081955  
151 <151> PRIOR FILING DATE: 1998-04-15  
153 <150> PRIOR APPLICATION NUMBER: 60/081817  
154 <151> PRIOR FILING DATE: 1998-04-15  
156 <150> PRIOR APPLICATION NUMBER: 60/081819  
157 <151> PRIOR FILING DATE: 1998-04-15  
159 <150> PRIOR APPLICATION NUMBER: 60/081952  
160 <151> PRIOR FILING DATE: 1998-04-15  
162 <150> PRIOR APPLICATION NUMBER: 60/081838  
163 <151> PRIOR FILING DATE: 1998-04-15  
165 <150> PRIOR APPLICATION NUMBER: 60/082568  
166 <151> PRIOR FILING DATE: 1998-04-21  
168 <150> PRIOR APPLICATION NUMBER: 60/082569  
169 <151> PRIOR FILING DATE: 1998-04-21  
171 <150> PRIOR APPLICATION NUMBER: 60/082704  
172 <151> PRIOR FILING DATE: 1998-04-22  
174 <150> PRIOR APPLICATION NUMBER: 60/082804  
175 <151> PRIOR FILING DATE: 1998-04-22  
177 <150> PRIOR APPLICATION NUMBER: 60/082700  
178 <151> PRIOR FILING DATE: 1998-04-22  
180 <150> PRIOR APPLICATION NUMBER: 60/082797  
181 <151> PRIOR FILING DATE: 1998-04-22  
183 <150> PRIOR APPLICATION NUMBER: 60/082796  
184 <151> PRIOR FILING DATE: 1998-04-23  
186 <150> PRIOR APPLICATION NUMBER: 60/083336  
187 <151> PRIOR FILING DATE: 1998-04-27  
189 <150> PRIOR APPLICATION NUMBER: 60/083322  
190 <151> PRIOR FILING DATE: 1998-04-28  
192 <150> PRIOR APPLICATION NUMBER: 60/083392  
193 <151> PRIOR FILING DATE: 1998-04-29  
195 <150> PRIOR APPLICATION NUMBER: 60/083495  
196 <151> PRIOR FILING DATE: 1998-04-29  
198 <150> PRIOR APPLICATION NUMBER: 60/083496  
199 <151> PRIOR FILING DATE: 1998-04-29  
201 <150> PRIOR APPLICATION NUMBER: 60/083499  
202 <151> PRIOR FILING DATE: 1998-04-29  
204 <150> PRIOR APPLICATION NUMBER: 60/083545

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,298

DATE: 11/01/2001

TIME: 10:40:00

Input Set : A:\sequence\_listing.wpd

Output Set: N:\CRF3\11012001\I978298.raw

205 <151> PRIOR FILING DATE: 1998-04-29  
 207 <150> PRIOR APPLICATION NUMBER: 60/083554  
 208 <151> PRIOR FILING DATE: 1998-04-29  
 210 <150> PRIOR APPLICATION NUMBER: 60/083558  
 211 <151> PRIOR FILING DATE: 1998-04-29  
 213 <150> PRIOR APPLICATION NUMBER: 60/083559  
 214 <151> PRIOR FILING DATE: 1998-04-29  
 216 <150> PRIOR APPLICATION NUMBER: 60/083500  
 217 <151> PRIOR FILING DATE: 1998-04-29  
 219 <150> PRIOR APPLICATION NUMBER: 60/083742  
 220 <151> PRIOR FILING DATE: 1998-04-30  
 222 <150> PRIOR APPLICATION NUMBER: 60/084366  
 223 <151> PRIOR FILING DATE: 1998-05-05  
 225 <150> PRIOR APPLICATION NUMBER: 60/084414  
 226 <151> PRIOR FILING DATE: 1998-05-06  
 228 <150> PRIOR APPLICATION NUMBER: 60/084441  
 229 <151> PRIOR FILING DATE: 1998-05-06  
 231 <150> PRIOR APPLICATION NUMBER: 60/084637  
 232 <151> PRIOR FILING DATE: 1998-05-07  
 234 <150> PRIOR APPLICATION NUMBER: 60/084639  
 235 <151> PRIOR FILING DATE: 1998-05-07  
 237 <150> PRIOR APPLICATION NUMBER: 60/084640  
 238 <151> PRIOR FILING DATE: 1998-05-07  
 240 <150> PRIOR APPLICATION NUMBER: 60/084598  
 241 <151> PRIOR FILING DATE: 1998-05-07  
 243 <150> PRIOR APPLICATION NUMBER: ~~60/084600~~  
 W--> 244 <151> PRIOR FILING DATE: 1998-5-07 1998-05-07  
 246 <150> PRIOR APPLICATION NUMBER: 60/084627  
 247 <151> PRIOR FILING DATE: 1998-05-07  
 249 <150> PRIOR APPLICATION NUMBER: 60/084643  
 250 <151> PRIOR FILING DATE: 1998-05-07  
 252 <150> PRIOR APPLICATION NUMBER: 60/085339  
 253 <151> PRIOR FILING DATE: 1998-05-13  
 255 <150> PRIOR APPLICATION NUMBER: 60/085338  
 256 <151> PRIOR FILING DATE: 1998-05-13  
 258 <150> PRIOR APPLICATION NUMBER: 60/085323  
 259 <151> PRIOR FILING DATE: 1998-05-13  
 261 <150> PRIOR APPLICATION NUMBER: 60/085582  
 262 <151> PRIOR FILING DATE: 1998-05-15  
 264 <150> PRIOR APPLICATION NUMBER: 60/085700  
 265 <151> PRIOR FILING DATE: 1998-05-15  
 267 <150> PRIOR APPLICATION NUMBER: 60/085689  
 268 <151> PRIOR FILING DATE: 1998-05-15  
 270 <150> PRIOR APPLICATION NUMBER: 60/085579  
 271 <151> PRIOR FILING DATE: 1998-05-15  
 273 <150> PRIOR APPLICATION NUMBER: 60/085580  
 274 <151> PRIOR FILING DATE: 1998-05-15  
 276 <150> PRIOR APPLICATION NUMBER: 60/085573  
 277 <151> PRIOR FILING DATE: 1998-05-15

← use this date format  
 (also, do not show spaces  
 between dashes)

Please correct similar  
 error in subsequent  
 sequences.

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,298

DATE: 11/01/2001

TIME: 10:40:00

Input Set : A:\sequence\_listing.wpd

Output Set: N:\CRF3\11012001\I978298.raw

279 <150> PRIOR APPLICATION NUMBER: 60/085704  
280 <151> PRIOR FILING DATE: 1998-05-15  
282 <150> PRIOR APPLICATION NUMBER: 60/085697  
283 <151> PRIOR FILING DATE: 1998-05-15  
285 <150> PRIOR APPLICATION NUMBER: 60/086023  
286 <151> PRIOR FILING DATE: 1998-05-18  
288 <150> PRIOR APPLICATION NUMBER: 60/086430  
289 <151> PRIOR FILING DATE: 1998-05-22  
291 <150> PRIOR APPLICATION NUMBER: 60/086392  
292 <151> PRIOR FILING DATE: 1998-05-22  
294 <150> PRIOR APPLICATION NUMBER: 60/086486  
295 <151> PRIOR FILING DATE: 1998-05-22  
297 <150> PRIOR APPLICATION NUMBER: 60/086414  
298 <151> PRIOR FILING DATE: 1998-05-22  
300 <150> PRIOR APPLICATION NUMBER: 60/087208  
301 <151> PRIOR FILING DATE: 1998-05-28  
303 <150> PRIOR APPLICATION NUMBER: 60/087106  
304 <151> PRIOR FILING DATE: 1998-05-28  
306 <150> PRIOR APPLICATION NUMBER: 60/087098  
307 <151> PRIOR FILING DATE: 1998-05-28  
309 <150> PRIOR APPLICATION NUMBER: 60/091010  
310 <151> PRIOR FILING DATE: 1998-06-26  
312 <150> PRIOR APPLICATION NUMBER: 60/090863  
313 <151> PRIOR FILING DATE: 1998-06-26  
315 <150> PRIOR APPLICATION NUMBER: 60/091359  
316 <151> PRIOR FILING DATE: 1998-07-01  
318 <150> PRIOR APPLICATION NUMBER: 60/094651  
319 <151> PRIOR FILING DATE: 1998-07-30  
321 <150> PRIOR APPLICATION NUMBER: 60/100038  
322 <151> PRIOR FILING DATE: 1998-09-11  
324 <150> PRIOR APPLICATION NUMBER: 60/109304  
325 <151> PRIOR FILING DATE: 1998-11-20  
327 <150> PRIOR APPLICATION NUMBER: 60/113296  
328 <151> PRIOR FILING DATE: 1998-12-22  
330 <150> PRIOR APPLICATION NUMBER: 60/113621  
331 <151> PRIOR FILING DATE: 1998-12-23  
333 <150> PRIOR APPLICATION NUMBER: 60/123957  
334 <151> PRIOR FILING DATE: 1999-03-12  
336 <150> PRIOR APPLICATION NUMBER: 60/126773  
337 <151> PRIOR FILING DATE: 1999-03-29  
339 <150> PRIOR APPLICATION NUMBER: 60/130232  
340 <151> PRIOR FILING DATE: 1999-04-21  
342 <150> PRIOR APPLICATION NUMBER: 60/131022  
343 <151> PRIOR FILING DATE: 1999-04-26  
345 <150> PRIOR APPLICATION NUMBER: 60/131445  
346 <151> PRIOR FILING DATE: 1999-04-28  
348 <150> PRIOR APPLICATION NUMBER: 60/134287  
349 <151> PRIOR FILING DATE: 1999-05-14  
351 <150> PRIOR APPLICATION NUMBER: 60/139557

&lt;210&gt; 157

&lt;211&gt; 412

&lt;212&gt; PRT

&lt;213&gt; (Artificial)

*see item 11 on Ena Summary Sheet*

&lt;400&gt; 157

Met Gly Leu His Leu Arg Pro Tyr Arg Val Gly Leu Leu Pro Asp

1

5

10

15

FYI



**VERIFICATION SUMMARY**PATENT APPLICATION: **US/09/978,298**

DATE: 11/01/2001

TIME: 10:40:01

Input Set : **A:\sequence\_listing.wpd**Output Set: **N:\CRF3\11012001\I978298.raw**

L:36 M:270 C: Current Application Number differs, Replaced Current Application No  
L:36 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:244 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:370 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:445 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:1012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:1014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:1018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:1020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:1041 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:1045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:1552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:1554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:1556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:1741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37  
L:1743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37  
L:1745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37  
L:1747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37  
L:1749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37  
L:1751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37  
L:1753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37  
L:1768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:1805 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39  
L:1811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39  
L:3382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:3384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:3386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:3388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:3396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:3400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:4955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117  
L:5050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118  
L:5052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118  
L:5756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137  
L:5918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144  
L:5920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144  
L:6192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151  
L:6196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151  
L:6223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152  
L:6225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/978,298

DATE: 11/01/2001

TIME: 10:40:01

Input Set : A:\sequence\_listing.wpd

Output Set: N:\CRF3\11012001\I978298.raw

L:6387 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:157  
L:6389 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:6389 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
L:7713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191  
L:7719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191  
L:7729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191  
L:8724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215  
L:10653 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265  
L:10655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265  
L:10657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265